

- LEGEND**
- PROPOSED TUNNEL
 - PROPOSED CONSTRUCTION SHAFTS
 - PROPOSED DROP SHAFTS

DROP SHAFT SIZES

- 1
- B = 4'-0" - 4'-6"
 - C = 5'-0" - 6'-0"
 - D = 7'-0" - 7'-6"
 - E = 9'-0"
 - F = 12'-0"
 - G = 15'-0"

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LOCATION MAP



THE CONTRACT PLANS LISTED AND BOUND HEREIN ARE PART OF THE CONTRACT FOR THE TUNNEL AND RESERVOIR PLAN, MAINSTREAM SYSTEM TUNNELS AND SHAFTS, OGDEN AVENUE TO ADDISON STREET CONTRACT 75-123-2H. SIMILAR PLANS WERE PREVIOUSLY RELEASED FOR BID.

NOTE: THE PLANS BOUND HEREIN ARE NEW PLANS.

GORDON H. BALL, INC., S.A. HEALY COMPANY, HORN CONSTRUCTION COMPANY
NAME OF COMPANY OR CORPORATION
BY *[Signature]* AUTHORIZED OFFICER
J.J. CASEY, PRESIDENT, DONALD J. ZEIER, PRESIDENT, JOHN A. ALLISON, PRESIDENT.

**BUILT AS SHOWN
EXCEPT AS NOTED**
[Signature]
Contractor
M.S.D. Resident Engineer

ATTEST *[Signature]* SECRETARY
DATE FEBRUARY 24th 1978



Correct *[Signature]*
Approved *[Signature]* Assistant Chief Engineer
Approved *[Signature]* Chief Engineer

**THE METROPOLITAN SANITARY DISTRICT
OF GREATER CHICAGO**

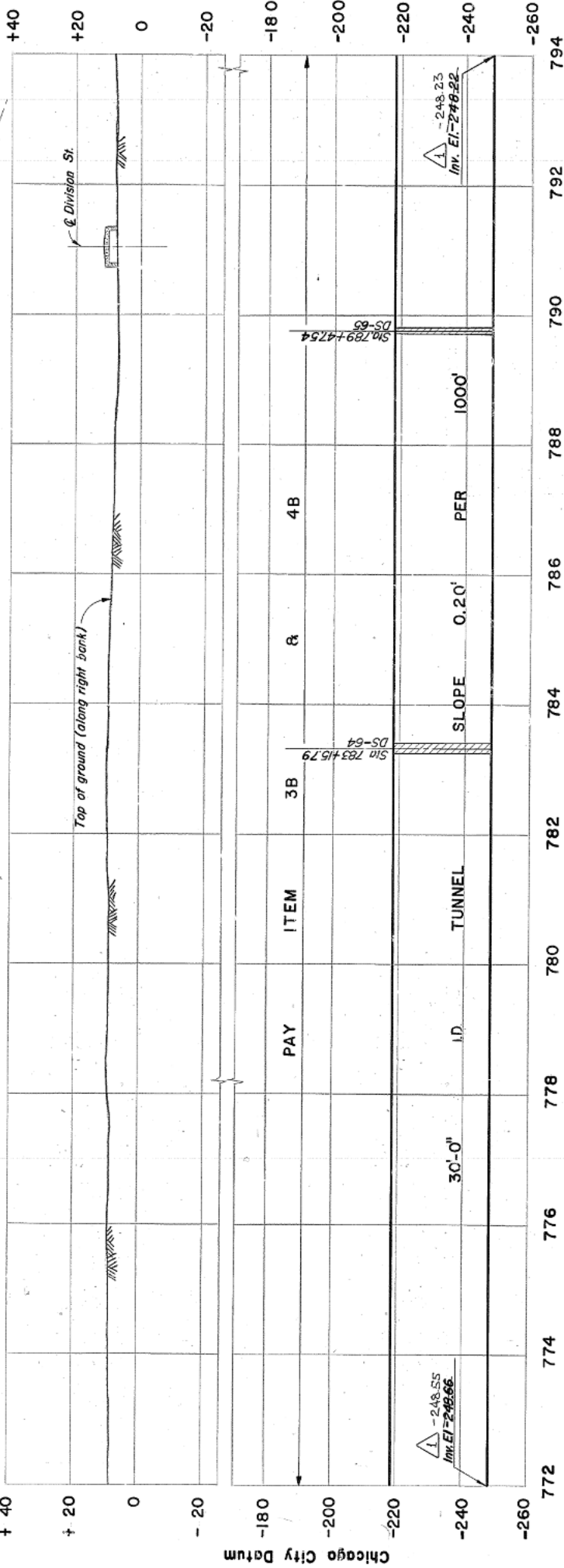
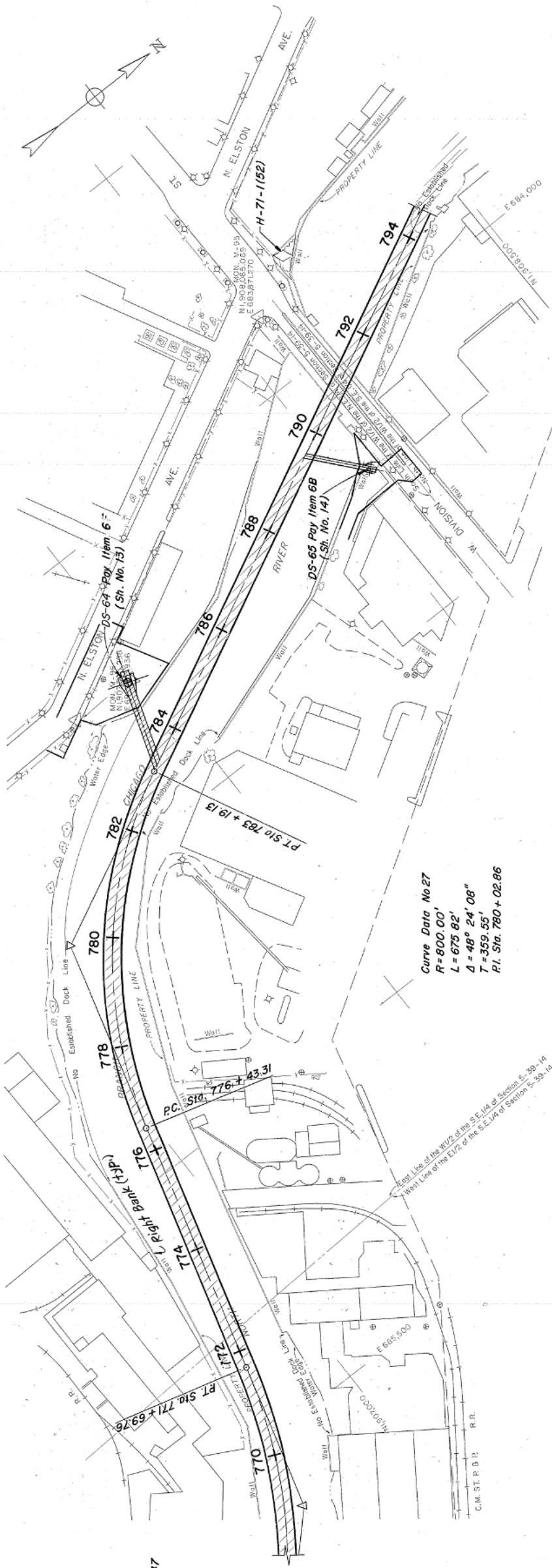
**TUNNEL AND RESERVOIR PLAN
TUNNELS AND SHAFTS
OGDEN AVE. TO ADDISON ST.
CONTRACT NO. 75-123-2H
LOCATION MAP AND INDEX**

**SCALES SHOWN ARE
SCALES OF TRACINGS**

SHEET NO. 1

Drawn: *AKS* Traced: *[Signature]* Checked: *[Signature]* DATE OCT 1977

HARZA ENGINEERING COMPANY
CHICAGO ILLINOIS



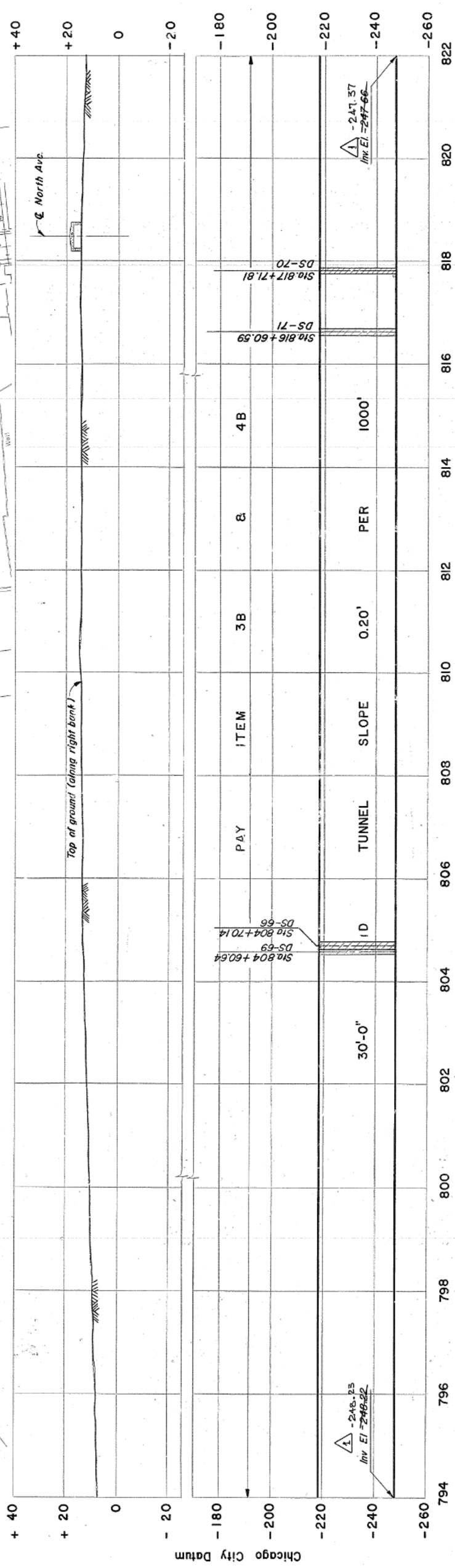
Notes:
1. For Conventional Signs See Sheet No. 2.
2. For General Notes See Sheet No. 30.
3. For Grouting, Tunnel Supports, Rock Bolts And Dowel Details See Sheet Nos. 78 And 79.

Horizontal Scale of Tracing 1"=100'-0"
Vertical Scale of Tracing 1"=20'-0"

**BUILT AS SHOWN
EXCEPT AS NOTED**

Contractor
Edmund Edwards
June 21, 1983
M.S.D. Resident Engineer

REVISIONS NO. DATE BY 1 5/15/83 PAC	THE METROPOLITAN SANITARY DISTRICT OF GREATER CHICAGO TUNNEL AND RESERVOIR PLAN TUNNELS AND SHAFTS OGDEN AVE. TO ADDISON ST. CONTRACT NO 75-123-2H TUNNEL PLAN AND PROFILE			DATE OCT 1977	SHEET NO. 3
Correct <i>J.H. Jones</i> Approved <i>W. Edwards</i> Assistant Chief Engineer			Scales Shown ARE Scales of Tracings		
Approved <i>W. Edwards</i> Chief Engineer			Checked <i>J.B.C./AIS</i> Traced		



The drawing illustrates a cross-section of a road project. The vertical axis represents elevation in feet, ranging from +40 to -260. The horizontal axis represents stationing, with markers every 2 feet from 794 to 822.

Ground Profile:

- Top of ground (along right bank):** Indicated by a dashed line with hatching.
- North Ave.:** Shown as a horizontal line with a centerline marker.
- Elevation Points:** Various points are marked along the profile, including Sta 804+60.64, Sta 817+71.81, and Sta 816+60.59.

Road Structure:

- PAY:** The layer immediately below the ground profile.
- TUNNEL:** The main structural layer, shown as a thick solid line.
- Slopes:** Labeled as 3B and 4B, indicating different material or construction zones.
- Dimensions:** A width of 1000' is indicated for the tunnel section.

ITEM	SLOPE
3B	PER
4B	PER

Additional Notes:

- A note indicates "Top of ground (along right bank)" with an arrow pointing to the dashed line.
- Another note indicates "North Ave." with an arrow pointing to the horizontal line.
- Stationing labels include Sta 804+60.64, DS-69, DS-66, Sta 804+70.14, DS-71, Sta 816+60.59, DS-70, Sta 817+71.81, and Sta 816+60.59.

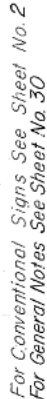
Plan: 1"=100'-0"
Profile
Horz. 1"=100'-0"
Vert. 1"=20'-0"

Chief Engineer

SCALES SHOWN ARE
SCALES OF TRACINGS

SHEET NO. 4

**HARZA ENGINEERING COMPANY
CHICAGO ILLINOIS**



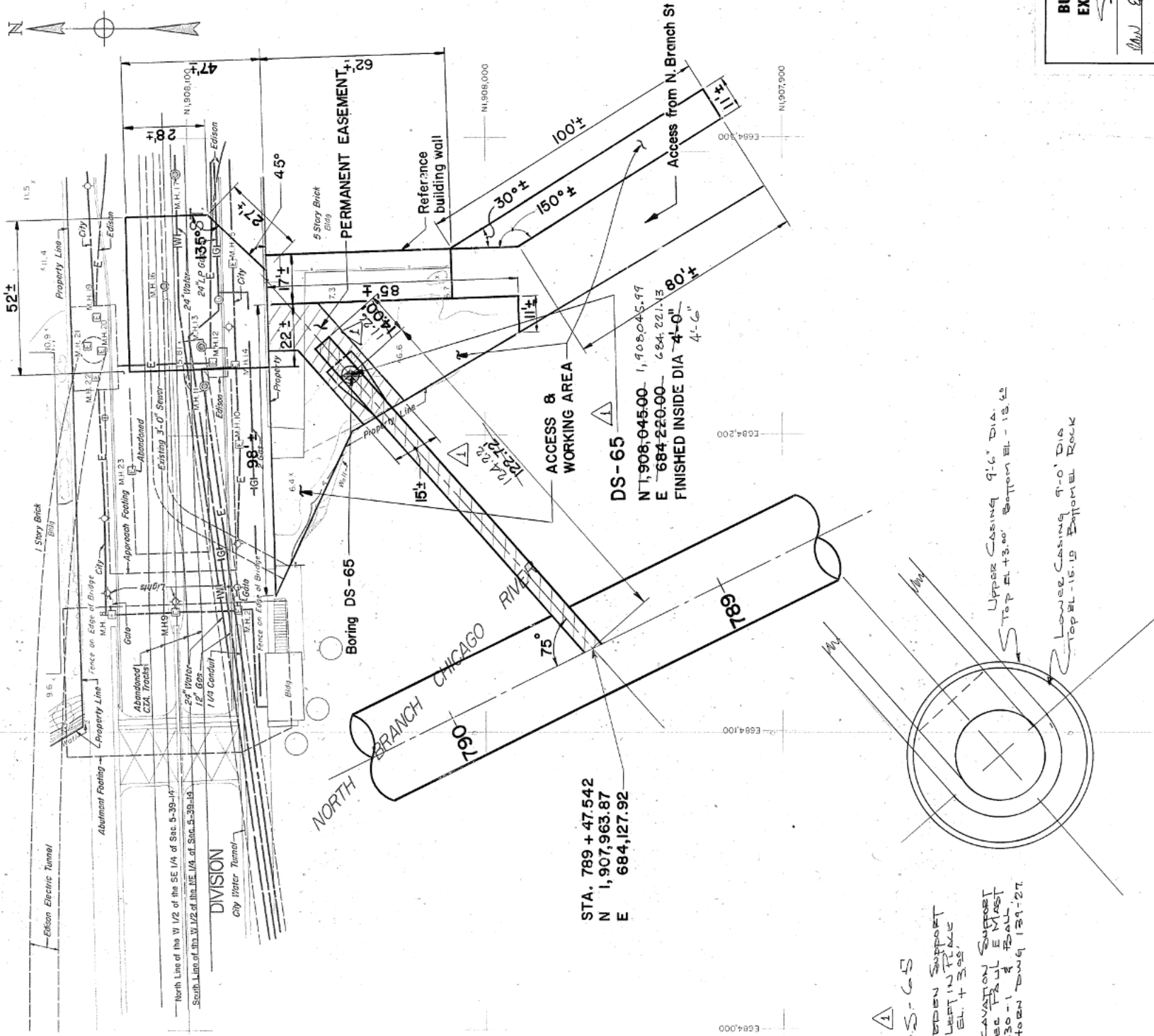
1. All angles in access & working areas are 90° except as noted.
2. Elston Avenue is a preferential street.

DATE	OCT 197
Checked	SALICOM
Tinned	
DATE	

APPROVED

Forrest L. Newell

SHEET NO. 13



NOTES:

1. All angles in access & working area are 90° except as noted
2. Division Street is a preferential street.

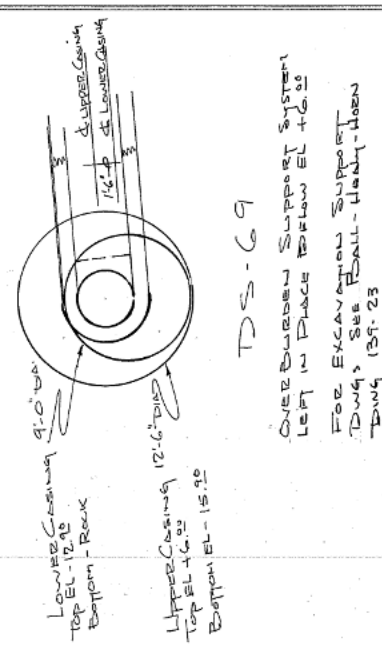
**BUILT AS SHOWN
EXCEPT AS NOTED**

Edward C. Caldwell, Jr. Contractor
M.S.D. Resident Engineer

[illegible]

For Conventional Signs See Sheet No. 2
For General Notes See Sheet No. 30

**HARZA ENGINEERING COMPANY
CHICAGO ILLINOIS**

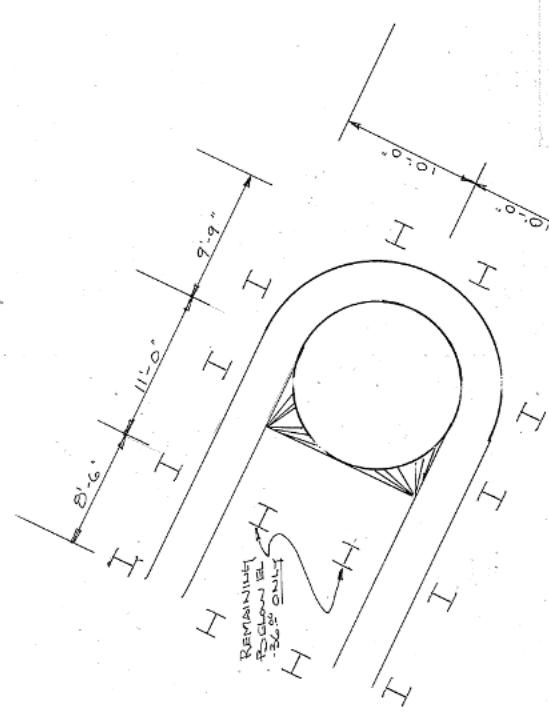


OVER BURIED SUPPORT SYSTEM
LEFT IN PLACE BECAUSE +6.00
FOR EXCAVATION SUPPORT
Dwg's See Ball-Hughes
Dwg 139.23

**BUILT AS SHOWN
EXCEPT AS NOTED**

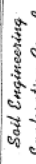
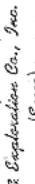
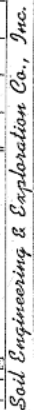
[Signature]

Contractor JOSE T. J. 12/83
M.S.D. Resident Engineer



① DS 66
OVER EUGENIAN SUPPORT
SYSTEM EST. IN PLACE
BY 01/1/71
FOR EXCAVATION SUPPORT
REQ. - SEE FACILITY AND
DISCUSS Pgs 13

For Conventional Signs See Sheet No. 2
For General Notes See Sheet No. 30



Contractor	M.S.D. Resident Engineer
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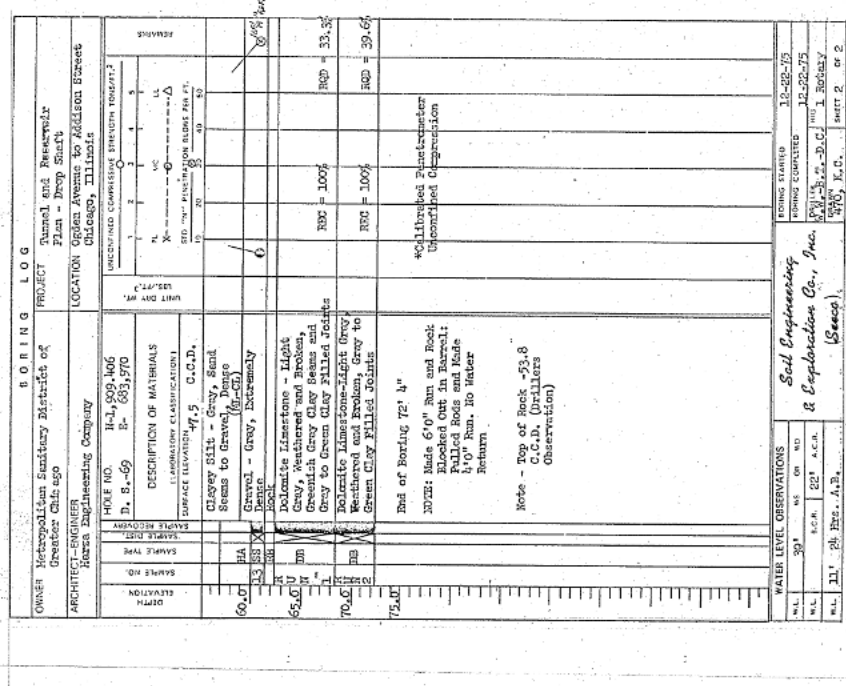
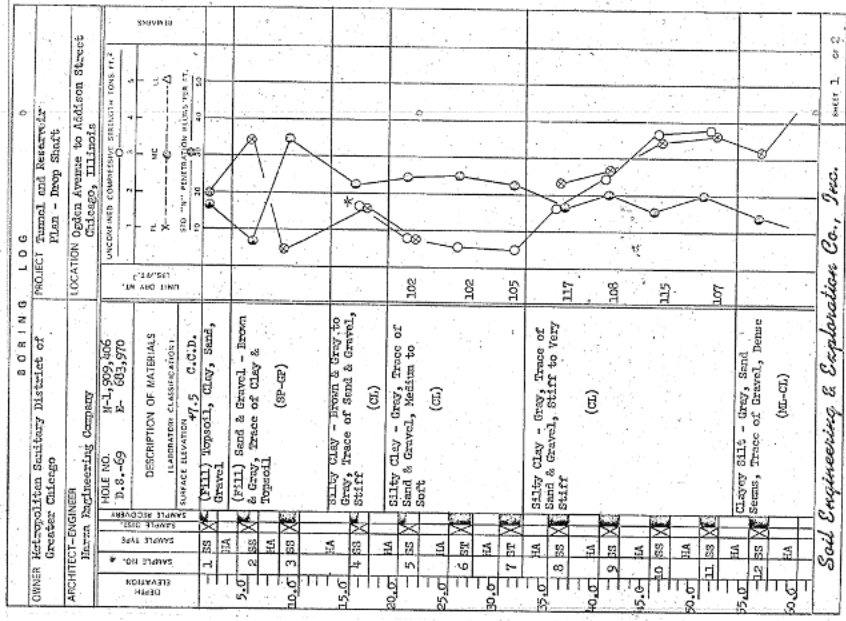
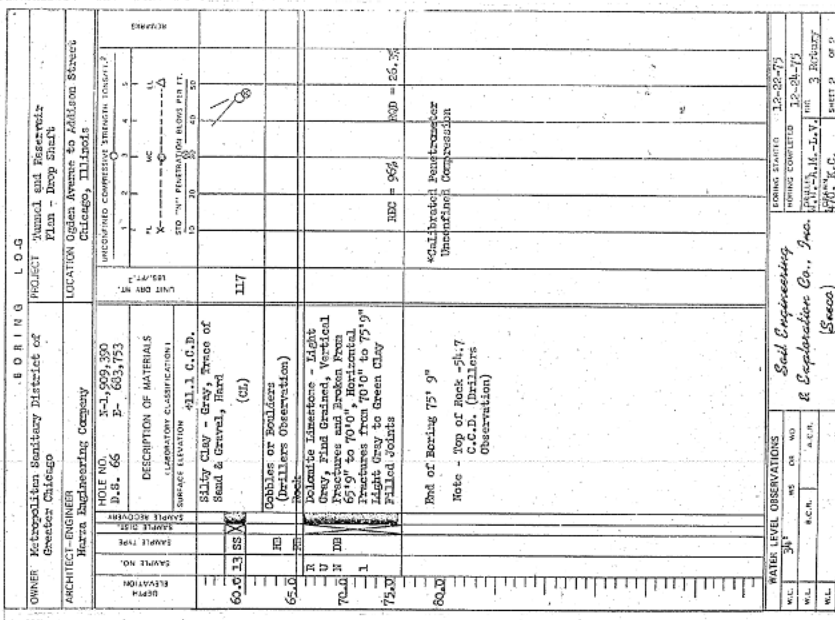
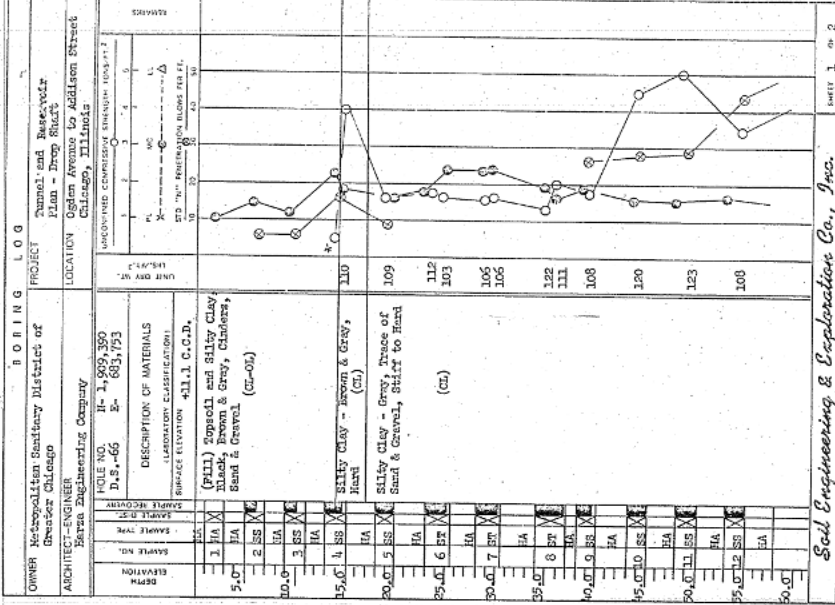
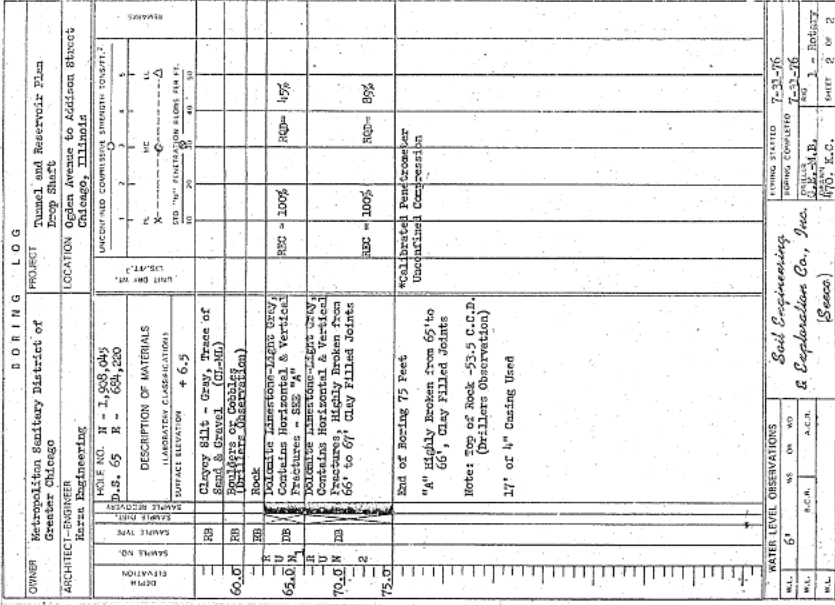
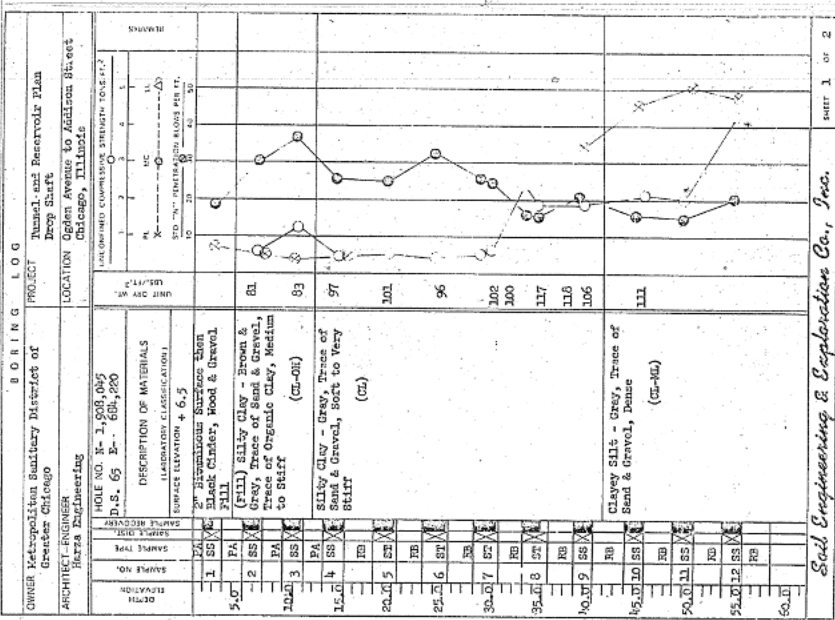
**TUNNEL AND RESERVOIR PLAN
TUNNELS AND SHAFTS
OGDEN AVE. TO ADDISON ST.
CONTRACT NO. 75-123-2H**

SOIL BORINGS

DATE OCT 1977

SHEET NO. 97

SHEET NO. 97



BUILT AS SHOWN
EXCEPT AS NOTED

Contractor
M.S.D. Resident Engineer

THE METROPOLITAN SANITARY DISTRICT OF GREATER CHICAGO

**TUNNEL AND RESERVOIR PLAN
TUNNELS AND SHAFTS
OGDEN AVE. TO ADDISON ST.
CONTRACT NO. 75-123-2H
SOIL BORINGS**

REVISIONS
NO. DATE BY

Correct
Approved
Assistant Chief Engineer

Checked: *W.A.B.*
Drawn: *A.A.B.*
Titled: *Soil Borings*
DATE: OCT 1977
SHEET NO. 98

**SCALES SHOWN ARE
SCALES OF TRACINGS**